

Name : \_\_\_\_\_

## Area of a Rectangle

A) Find the area of each rectangle for the given measurements.

1) length =  $7\frac{1}{2}$  ft, width =  $5\frac{3}{5}$  ft

Area = \_\_\_\_\_

2) length =  $\frac{24}{7}$  yd, width =  $2\frac{3}{8}$  yd

Area = \_\_\_\_\_

3) length =  $5\frac{6}{7}$  yd, width = 2 yd

4) length = 22 in, width =  $15\frac{1}{2}$  in

Area = \_\_\_\_\_

B) Find the area of each

5)



Area = \_\_\_\_\_

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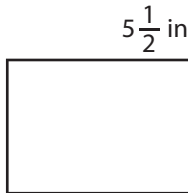
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$\frac{41}{8}$  in

7)



Area = \_\_\_\_\_

$11\frac{1}{2}$  ft

Area = \_\_\_\_\_

9) The width and length of a rectangle are  $\frac{8}{3}$  feet and 6 feet respectively. Determine the area of the rectangle.

\_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

T2S5

### Area of a Rectangle

A) Find the area of each rectangle for the given measurements.

1) length =  $7\frac{1}{2}$  ft, width =  $5\frac{3}{5}$  ft

Area = 42 ft<sup>2</sup>

2) length =  $\frac{24}{7}$  yd, width =  $2\frac{3}{8}$  yd

Area =  $\frac{57}{7}$  or  $8\frac{1}{7}$  yd<sup>2</sup>

3) length =  $5\frac{6}{7}$  yd, width = 2 yd

Area =  $\frac{82}{7}$  or  $11\frac{6}{7}$  yd<sup>2</sup>

4) length = 22 in, width =  $15\frac{1}{2}$  in

Area = 341 in<sup>2</sup>

B) Find the area of each

5)



Area = 71

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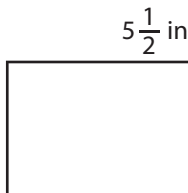
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$\frac{41}{8}$  in

Area =  $2\frac{4}{5}$  in<sup>2</sup>

7)



Area =  $\frac{99}{5}$  or  $19\frac{4}{5}$  in<sup>2</sup>

$11\frac{1}{2}$  ft

Area = 138 ft<sup>2</sup>

9) The width and length of a rectangle are  $\frac{8}{3}$  feet and 6 feet respectively. Determine the area of the rectangle.

16 square feet